

Dock t No. 51564 Pag 1 of 4

Declaration and Power of Attorney for Patent Application English Language Declaration

As a below nar	ned inventor, I here	by declare that:		•		
My residence, p	My residence, post office address and citizenship are as stated below next to my name.					
joint inventor (if		sted below) of the subje	ne name is listed below) or ect matter which is claimed			
DIRECT PATT	ERNING METHOD		,			
the specification	of which					
(check one)						
[.] [X]	[] is attached hereto.					
		and understand the copy any amendment refe	ntents of the above identifi rred to above.	ed specification,		
I acknowledge the known to me to 1.56.	he duty to disclose be material to pate	to the United States Pa ntability as defined in Ti	tent and Trademark Office itle 37, Code of Federal Re	e all information egulations, Section		
365(b) of any for International ap and have also in	reign application(s) plication which desi dentified below, by T International app	for patent or inventor's ignated at least one cou checking the box, any fo	ed States Code, Section 17 certificate, or Section 365 intry other than the United preign application for pater late before that of the applicate	(a) of any PCT States, listed below It or inventor's		
Prior Foreign A	oplication(s)			Priority Not Claimed		
2001-36501 (Number)		Japan (Country)	14/02/2001 (Day/Month/Year Filed)	_ [] _		
(Number)	·	(Country)	(Day/Month/Year Filed)	_ []		
(Number)		(Country)	(Day/Month/Year Filed)	_ []		

listed below:	s.c. Section 119(e) of any United	States provisional application(s)
60/406,255 (Application Serial No.)		
(Application Serial No.)	(Filing	Date)
(Application Serial No.)	(Filing	Date)
I hereby claim the benefit under 35 U.S 365(c) of any PCT International application subject matter of each of the claims of International application in the manner acknowledge the duty to disclose to the to me to be material to patentability as between the filing date of the prior application:	ation designating the United State this application is not disclosed in provided by the first paragraph of a United States Patent and Trade defined in Title 37, C.F.C., Sectio	s, listed below and, insofar as the the prior United States or PCT 35 U.S.C. Section 112, I mark office all information known n 1.56 which became available
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

connected therewith.	(list name	and reg	istration numl	ber)			
David G. Conlin George W. Neuner Linda M. Buckley Peter J. Manus Peter F. Corless Cara Z. Lowen William J. Daley, Jr. Steven M. Jensen John B. Alexander	Reg. No Reg. No Reg. No Reg. No Reg. No Reg. No Reg. No	26,964 31,003 26,766 33,860 38,227 35,487 42,693	4 3 6 0 7 7	Christine C. O'E Robert L. Bucha David E. Tucker Lisa Swiszcz Ha George W. Hart Kathleen Carr Stewart L. Gitler Kathryn A. Piffa	anan ezzard nell	Reg. No. 38,256 Reg. No. 40,927 Reg. No. 27,840 Reg. No. 44,368 Reg. No. 42,639 Reg. No. 41,658 Reg. No. 31,256 Reg. No. 34,901	
S. Matthew John J. Pisk			lo. 42,ḋ78 lo. 35,647	Darryl P. Fricke Jonathan D. Ba		Reg. No. 34,603 Reg. No. 39,499	
Send Correspondence	to:		P.O. Box 916	ANGELL, LLP	U.S.A.		
Direct Telephone Calls (name and telephone i			Peter F. Corle Telephone: Facsimile:	ess (617) 439-4444 (617) 439-4170			
Full name of sole or first	inventor				-		
Masaru SEITA							•
Sole or first inventor's sig	nature					Date:	
Residence							
3-169-5, Sakae, Inama	ichi, Kitaac	dachi-gu	ın, Saitama, 3	62-0805, Japan			
Citizenship							
Japan							
Post Office Address					•		
Same As Above							
Full name of second inve	entor			\			
Hideki TSUCHIDA							
Second inventor's signatu	ıre					Date:	
Residence							···-
15-26, Minuma-cho, Ha	asuda-shi.	Saitam	a 349-0127. J	lanan			
Citizenship							
Japan							
Post Office Address							
C A- Ab							

Same As Above

Full name of third inventor	
Masaaki IMANARI	·
Third inventor's signature	Date:
Residence	
Residence	
1417-9, Kobo, Misato-shi, Saitama 341-0026, Japan	
Citizenship	
Japan	
Post Office Address	
Sama As Abaya	
Same As Above	
	-7
Full name of sole or fourth inventor	
Hidemi NAWAFUNE	
Fourth inventor's signature	Date:
Hiden Nawafune	13/Dec./2003
Residence	14/ DEG. /2003
38-34, Makami-cho 5-chome, Takatsuki-shi, Osaka 569-1121, Japan	
Citizenship	
Japan	
Post Office Address	
Same As Above	
Full name of fifth inventor	
Tull Harrie Of filer inventor	
Koichi YOMOGIDA	
Fifth inventor's signature	Date:
Residence	
	2000
c/o Owada Dormitory, 1-350-10, Owada-cho, 1-chome, Saitama-shi, Saitama 330-Citizenship	uuzs, Japan
OldZorionip	
Japan	
Post Office Address	
Same As Above	

Declaration and Power of Attorney for Patent Application English Language Declaration

As a below named inventor, I hereby declare that:

(Number)

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and

•	if plural names a ht on the invention	•	subject matter which is claimed	d and for which a
DIRECT PAT	TERNING METH	OD		
the specification	on of which			
(check one)				
[.] [X]	is attached her was filed on Application No and was amen	August 26, 2003 . 10/650,119 ded on	as United States Applicati	on No. or PCT
		(if ap	plicable)	
		ved and understand the ed by any amendment	e contents of the above identite referred to above.	ied specification,
			s Patent and Trademark Offic in Title 37, Code of Federal R	
365(b) of any international a and have also	foreign application pplication which identified below, PCT International	n(s) for patent or inven designated at least one by checking the box, a	United States Code, Section 1 tor's certificate, or Section 369 e country other than the United any foreign application for pateing date before that of the app	5(a) of any PCT d States, listed below ent or inventor's
Prior Foreign /	Application(s)			Priority Not Claimed
2001-3650 (Number)	1	Japan (Country)	14/02/2001 (Day/Month/Year Filed)	[]
(Number)	· 	(Country)	(Day/Month/Year Filed)	[]
				_ []

(Country)

(Day/Month/Year Filed)

listed below:	C. Section 119(e) of any Unite	d States provisional application(s)
60/406,255		6/2002
(Application Serial No.)	(Filin	g Date)
(Application Serial No.)	(Filin	g Date)
(Application Serial No.)	(Filin	g Date)
I hereby claim the benefit under 35 U.S. 365(c) of any PCT International applicat subject matter of each of the claims of the International application in the manner packnowledge the duty to disclose to the to me to be material to patentability as discovered between the filing date of the prior application:	ion designating the United Sta nis application is not disclosed provided by the first paragraph United States Patent and Trac defined in Title 37, C.F.C., Sect	tes, listed below and, insofar as the in the prior United States or PCT of 35 U.S.C. Section 112, I demark office all information known tion 1.56 which became available
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

connected therewith. (list	t name and reg	gistration numbe	er)	
George W. Neuner Linda M. Buckley Peter J. Manus Peter F. Corless Cara Z. Lowen William J. Daley, Jr. Steven M. Jensen	Reg. No. 27,02 Reg. No. 26,96 Reg. No. 31,00 Reg. No. 26,76 Reg. No. 33,86 Reg. No. 38,22 Reg. No. 35,48 Reg. No. 42,69 Reg. No. 48,39	4 3 6 0 7 7 3	Christine C. O'Day Robert L. Buchanan David E. Tucker Lisa Swiszcz Hazzard George W. Hartnell Kathleen Carr Stewart L. Gitler Kathryn A. Piffat	Reg. No. 38,256 Reg. No. 40,927 Reg. No. 27,840 Reg. No. 44,368 Reg. No. 42,639 Reg. No. 41,658 Reg. No. 31,256 Reg. No. 34,901
S. Matthew Cai John J. Piskors		No. 42,378 No. 35,647	Darryl P. Frickey Jonathan D. Baskin	Reg. No. 34,603 Reg. No. 39,499
Send Correspondence to	:	Peter F. Corles EDWARDS & P.O. Box 9169 Boston, Massa	ANGELL, LLP	
Direct Telephone Calls to (name and telephone num		Peter F. Corles Telephone: Facsimile:	ss (617) 439-4444 (617) 439-4170	
Full name of sole or first inve	entor			
Masaru SEITA				•
Sole or first inventor's signat	ture	,	•••	Date:
	M .c	Leva		Dec. 14,03
Residence				
3-169-5, Sakae, Inamach	i, Kitaadachi-g	un, Saitama, 36	32-0805, Japan	
Citizenship				
Japan				
Post Office Address				
Same As Above				
Full name of second inventor	or			
Hideki TSUCHIDA				
Second inventor's signature				Date:
Residence			A	
15-26, Minuma-cho, Hasu	ıda-shi. Saitam	na 349-0127 .la	npan	
Citizenship	<u> </u>	,		
 Japan				
Post Office Address				

Same As Above

Full name of third inventor	
Full name of third inventor	
Masaaki IMANARI	
Third inventor's signature	Date:
Trind inventor's signature	Date.
Residence	
Residence	
1417-9, Kobo, Misato-shi, Saitama 341-0026, Japan	
Citizenship	
Citizenship	
Japan	
Post Office Address	
1 ost office Addices	
Same As Above	
·	
Full name of sole or fourth inventor	· · · · · · · · · · · · · · · · · · ·
Hidemi NAWAFUNE	
Fourth inventor's signature	Date:
- Calar III only o Signaturo	Date.
Residence	
38-34, Makami-cho 5-chome, Takatsuki-shi, Osaka 569-1121, Japan	
Citizenship	
Japan	
Post Office Address	
Same As Above	
Full name of fifth inventor	
Koichi YOMOGIDA	
Fifth inventor's signature	Date:
Residence	
c/o Owada Dormitory, 1-350-10, Owada-cho, 1-chome, Saitama-shi, Saitama 330-	0023, Japan
Citizenship	
	,
Japan	
Post Office Address	
Same As Above	

Declaration and Power of Attorney for Patent Application English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DIRECT PAT	TERNING METHOD	
the specification	on of which	
(check one)		
[] [X]	is attached hereto. was filed on <u>August 26, 2003</u> as United States Application No. or PCT Application No. <u>10/650,119</u>	
	and was amended on(if applicable)	_

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)			Priority Not Claimed
2001-36501 (Number)	Japan (Country)	14/02/2001 (Day/Month/Year Filed)	_ []
(Number)	(Country)	(Day/Month/Year Filed)	_ []
(Number)	(Country)	(Day/Month/Year Filed)	_ []

I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below: 60/406.255 08/26/2002 (Application Serial No.) (Filing Date) (Application Serial No.) (Filing Date) (Application Serial No.) (Filing Date) I hereby claim the benefit under 35 U.S.C. Section 120 of the United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark office all information known to me to be material to patentability as defined in Title 37, C.F.C., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application: (Filing Date) (Status) (Application Serial No.) (patented, pending, abandoned) (Status) (Application Serial No.) (Filing Date) (patented, pending, abandoned) (Filing Date) (Status) (Application Serial No.) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

connected therewith.	(IISE HAITIE E	anu regis	li alion numbe	er <i>)</i>			
David G. Conlin George W. Neuner Linda M. Buckley Peter J. Manus Peter F. Corless Cara Z. Lowen William J. Daley, Jr. Steven M. Jensen John B. Alexander	Reg. No Reg. No	. 26,964 . 31,003 . 26,766		Christine C. O'Day Robert L. Buchanan David E. Tucker Lisa Swiszcz Hazzard George W. Hartnell Kathleen Carr Stewart L. Gitler Kathryn A. Piffat	Reg. No. 38,256 Reg. No. 40,927 Reg. No. 27,840 Reg. No. 44,368 Reg. No. 42,639 Reg. No. 41,658 Reg. No. 31,256 Reg. No. 34,901		
S. Matthew John J. Pisk			o. 42,378 o. 35,647	Darryl P. Frickey Jonathan D. Baskin	Reg. No. 34,603 Reg. No. 39,499		
Send Correspondence to:		E	P.O. Box 9169	ANGELL, LLP			
Direct Telephone Calls (name and telephone		T	Peter F. Corle elephone: acsimile:	ss (617) 439-4444 (617) 439-4170			
Full name of sole or first	inventor						
Masaru SEITA							
Sole or first inventor's sig	gnature				Date:		
Residence							
3-169-5, Sakae, Inam	achi, Kitaa	dachi-gur	n, Saitama, 3	62-0805, Japan			
Citizenship							
Japan							
Post Office Address							
Same As Above				n= -			
Full name of second inv	entor						
Hideki TSUCHIDA							
Second inventor's signat	_	,			Date:		
Hideki	suchia	da			12/09/2003		
Residence							
	15-26, Minuma-cho, Hasuda-shi, Saitama 349-0127, Japan						
Citizenship							
Japan Post Office Address					· · · · · · · · · · · · · · · · · · ·		
Fost Office Address							

Same As Above

Full name of third inventor	
 Masaaki IMANARI	
Third inventor's signature	Date:
Masaaki Amamari	D/11/2003
Residence	
1417-9, Kobo, Misato-shi, Saitama 341-0026, Japan	
Citizenship	
Japan Post Office Address	
Post Office Address	
Same As Above	
Full name of sole or fourth inventor	
Hidemi NAWAFUNE	
Fourth inventor's signature	Date:
- Caran Mineral Congression	
Residence	
Residence	
38-34, Makami-cho 5-chome, Takatsuki-shi, Osaka 569-1121, Japan	
Citizenship	
Japan	
Post Office Address	
Same As Above	
Game As Above	
Full name of fifth inventor	
Full name of little inventor	
Koichi YOMOGIDA	
Fifth inventor's signature	Date:
Hoichi Yomogida	12/09/2003
Residence	
4 0 4 0 1 1 4 1 1 0 1 1 1 1 1 1 1 1 1 1	0000
c/o Owada Dormitory, 1-350-10, Owada-cho, 1-chome, Saitama-shi, Saitama 330-Citizenship	-0023, Japan
Otherstone	
Japan	
Post Office Address	
Same As Above	